

December 3, 2002

ChromaSource, Inc. #183-16707-00033

TO: Interested Parties / Applicant

FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

### **Notice of Decision - Approval**

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

December 3, 2002

Mr. Steven Scherf  
ChromaSource, Inc.  
2401 South 600 East  
Columbia City, Indiana 46725

Re: 183-16707  
First Administrative Amendment to  
FESOP 183-14489-00033

Dear Mr. Scherf:

ChromaSource, Inc. was issued a FESOP on October 19, 2001 for a plant that manufactures coated and laminated paper color samples. A letter requesting a change to the permit was received on October 28, 2002. The change qualifies as correction to typographical errors under 326 IAC 2-8-10(a)(1), administrative amendment, since the limited PTE will stay the same. Therefore, the permit is hereby administratively amended as described in the attached calculation as follows ( changes are **bolded** and deletions are ~~struck through~~ for emphasis):

D.1.5 FESOP Limit [326 IAC 2-8]

- 
- (a) The VOC input to the three (3) paper coating lines (identified as CSI - Coater #1, CSI - Coater #2 and CSI - Coater #3) and the container cleaning operation (identified as CSI - Container Cleaner #1) shall ~~not exceed 424.63~~ **be limited to less than 2000** tons per twelve (12) consecutive month period, rolled on a monthly basis. This will limit source wide VOC emissions to less than 100 tons per year, ~~respectively~~. Therefore, the requirements of 326 IAC 2-7 do not apply.
- (b) The single HAP input to the three (3) paper coating lines (identified as CSI - Coater #1, CSI - Coater #2 and CSI - Coater #3) and the container cleaning operation (identified as CSI - Container Cleaner #1) shall ~~not exceed 42.46~~ **be limited to less than 200** tons per twelve (12) consecutive month period, rolled on a monthly basis. This will limit source wide single HAP emissions to less than 10 tons per year. Therefore, the requirements of 326 IAC 2-7 do not apply.
- (c) The total HAP input to the three (3) paper coating lines (identified as CSI - Coater #1, CSI - Coater #2 and CSI - Coater #3) and the container cleaning operation (identified as CSI - Container Cleaner #1) shall ~~not exceed 106.16~~ **be limited to less than 500** tons per twelve (12) consecutive month period, rolled on a monthly basis. This will limit source wide total HAP emissions to less than 25 tons per year. Therefore, the requirements of 326 IAC 2-7 do not apply.

D.1.7 VOC Emissions

- 
- (a) In order to comply with the VOC limit in Condition ~~D.1.4~~ **D.1.5**, the catalytic oxidizer (Oxidizer #1) shall operate at all times that the one (1) coating line (CSI - Coater #1), container cleaning and the one (1) dryer (Dryer #1) are in operation and shall maintain a

minimum overall control efficiency of ~~76.45~~ 95%. **Compliance with this condition shall also satisfy the requirements in Condition D.1.4.**

- (b) In order to comply with the VOC limit in Condition ~~D.1.4~~ **D1.5**, the catalytic oxidizer (Oxidizer #2) shall operate at all times that the two (2) coating lines (CSI - Coater #2 and CSI - Coater #3) and the two (2) dryers (Dryer #2 and Dryer #3) are in operation and shall maintain a minimum overall control efficiency of ~~76.45~~ 95%. **Compliance with this condition shall also satisfy the requirements in Condition D.1.4.**

#### **D.1.8 Testing Requirements**

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Within 12 months of startup, the Permittee shall perform VOC testing on the two (2) catalytic oxidizers (Oxidizer #1 and Oxidizer #2) to verify that the VOC capture system meets the criteria of a permanent total enclosure and that the catalytic oxidizer is maintaining a minimum control efficiency of ~~76.45~~ 95% to show compliance with conditions D.1.4 and D.1.5, utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

#### **D.1.11 Catalytic Oxidizers**

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- (a) When operating the one (1) paper coating line (CSI - Coater #1), the one (1) catalytic oxidizer (Oxidizer #1) shall maintain a minimum operating temperature of 550 °F ~~or until~~ a temperature ~~is~~ determined in ~~the a~~ most recent compliance stack tests to maintain at least ~~76.45~~ 95% overall control efficiency.
- (b) When operating the two (2) paper coating lines (CSI - Coater #2 and CSI - Coater #3), the one (1) catalytic oxidizer (Oxidizer #2) shall maintain a minimum operating temperature of 550 °F ~~or until~~ a temperature ~~is~~ determined in ~~the a~~ most recent compliance stack tests to maintain at least ~~76.45~~ 95% overall control efficiency.

#### **A.1 General Information [326 IAC 2-8-3(b)]**

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The Permittee owns and operates a stationary coated and laminated paper color sample manufacturing source.

Authorized individual:	Steven A. Scherf, Technical Director
Source Address:	2401 S. 600 East, Columbia City, IN 46725
Mailing Address:	2401 S. 600 East, Columbia City, IN 46725
SIC Code:	2672
County Location:	<del>Allen</del> <b>Whitley</b>
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD Minor Source, Section 112 of the Clean Air Act

The header starting on page 28 through 36 of the FESOP contained the wrong source name, and permit number. Therefore, it will be corrected as follows:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**FESOP Quarterly Report**

Source Name: ChromaSource, Inc.  
Source Address: 2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033  
Facility: CSI Coater #1, CSI Coater #2, CSI Coater #3 and CSI - Container Cleaner #1  
Parameter: VOC, single HAP and total HAP  
Limit: **VOC input/usage emissions not exceed 100 be limited to less than 2000** tons per twelve (12) consecutive month period rolled on a monthly basis, **single HAP input/usage emissions not exceed 10 be limited to less than 200** tons per twelve (12) consecutive month period, rolled on a monthly basis and **total HAP input/usage emissions not to exceed 25 be limited to less than 500** tons per twelve (12) consecutive month period, rolled on a monthly basis.

YEAR: \_\_\_\_\_

Month	Total Usage This Month (tons)			Total Usage Previous 11 Months (tons)			Total Usage 12 Months (tons)		
	VOC	Single HAP	Total HAPs	VOC	Single HAP	Total HAPs	VOC	Single HAP	Total HAPs
Month 1									
Month 2									
Month 3									

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman, at (800) 451-6027, press 0 and ask for Aida De Guzman or extension (3-4972), or dial (317) 233-4972.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

APD

cc: File - Whitley County  
U.S. EPA, Region V  
Whitley County Health Department  
Air Compliance Section Inspector - Ryan Hillman  
Compliance Data Section - Karen Nowak  
Administrative and Development  
Technical Support and Modeling - Michele Boner

**FEDERALLY ENFORCEABLE STATE  
OPERATING PERMIT (FESOP)  
OFFICE OF AIR QUALITY**

**ChromaSource, Inc.  
2401 S. 600 East  
Columbia City, Indiana 46725**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F183-14489-00033	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date:  Expiration Date:
First Administrative Amendmenet No.: 183-16707	Pages Affected: 4, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date:

## SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-8-3(b)]

---

The Permittee owns and operates a stationary coated and laminated paper color sample manufacturing source.

Authorized individual:	Steven A. Scherf, Technical Director
Source Address:	2401 S. 600 East, Columbia City, IN 46725
Mailing Address:	2401 S. 600 East, Columbia City, IN 46725
SIC Code:	2672
County Location:	Whitley
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD Minor Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) paper coating line, identified as CSI - Coater #1, using a knife-over-roll coating application system, using a maximum of 50 gallons of coating per hour, with a catalytic oxidizer, identified as Oxidizer #1, for VOC control, exhausting through one (1) stack (ID No. 1);
- (b) One (1) paper coating line, identified as CSI - Coater #2, using a knife-over-roll coating application system, using a maximum of 50 gallons of coating per hour, with a catalytic oxidizer, identified as Oxidizer #2, for VOC control, exhausting through one (1) stack (ID No. 2);
- (c) One (1) paper coating line, identified as CSI - Coater #3, using a knife-over-roll coating application system, using a maximum of 50 gallons of coating per hour, with a catalytic oxidizer, identified as Oxidizer #2, for VOC control, exhausting through one (1) stack (ID No. 2);
- (d) One (1) catalytic oxidizer, identified as Oxidizer #1, with a maximum rated heat input capacity of 13.6 million (MM) British thermal units per hour (Btu), including natural gas and solvents, controlling VOC emissions from one (1) paper coating line (CSI - Coater #1) and a container cleaning operation (CSI - Container Cleaner #1), exhausting through one (1) stack (ID No. 1);
- (e) One (1) catalytic oxidizer, identified as Oxidizer #2, with a maximum rated heat input



capacity of 13.6 million (MM) British thermal units per hour (Btu), including natural gas and solvents, controlling VOC emissions from two (2) paper coating lines (CSI - Coater #2

## Operation Conditions

### Emission Limitations and Standards [326 IAC 2-8-4(1)]

#### D.1.4 Volatile Organic Compound (VOC) [326 IAC 8-2-5]

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- (a) Pursuant to 326 IAC 8-2-5 (Paper Coating Operations), the volatile organic compound (VOC) content of coatings applied to paper in the three (3) paper coating lines (CSI - Coater #1, CSI - Coater #2 and CSI - Coater #3) by means of web coating shall be limited to 2.9 pounds VOC per gallon of coating less water delivered to the applicator at each facility.
- (b) Based upon 326 IAC 8-1-2(c)
  - (i) the overall control efficiency shall be 76.45%; and
  - (ii) the VOC content of the coating shall not exceed 20.34 pounds VOC per gallon of coating solids delivered to the applicator.
- (c) The VOC capture system shall meet the following criteria of a permanent total enclosure. Permanent total enclosure is defined as a permanently installed enclosure that completely surrounds a source of emissions such that all VOC emissions are captured and contained for discharge through a control device:
  - (a) Any natural draft opening (NDO) shall be at least four (4) equivalent opening diameters from each VOC emitting point. NDO is any permanent opening in the enclosure that remains open during operation of the facility and is not connected to a duct in which a fan is installed.
  - (b) The total area of all NDOs shall not exceed five (5) percent of the surface area of the enclosure's four walls, floor, and ceiling.
  - (c) The average facial velocity (FV) of air through all NDOs shall be at least 3,600 meters per hour (200 feet per minute). The direction of air through all NDOs shall be into the enclosure.
  - (d) All access doors and windows whose areas are not included in condition (b) and are not included in the calculation in condition (c), shall be closed during routine operation of the process.
  - (e) All VOC emissions must be captured and contained for discharge through a control device.

#### D.1.5 FESOP Limit [326 IAC 2-8]

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- (a) The VOC input to the three (3) paper coating lines (identified as CSI - Coater #1, CSI - Coater #2 and CSI - Coater #3) and the container cleaning operation (identified as CSI - Container Cleaner #1) shall be limited to less than 2000 tons per twelve (12) consecutive month period, rolled on a monthly basis. This will limit source wide VOC emissions to less than 100 tons per year. Therefore, the requirements of 326 IAC 2-7 do not apply.
- (b) The single HAP input to the three (3) paper coating lines (identified as CSI - Coater #1, CSI - Coater #2 and CSI - Coater #3) and the container cleaning operation (identified as CSI - Container Cleaner #1) shall be limited to less than 200 tons per twelve (12) consecutive month period, rolled on a monthly basis. This will limit source wide single HAP emissions to less than 10 tons per year. Therefore, the requirements of 326 IAC 2-7 do not apply.
- (c) The total HAP input to the three (3) paper coating lines (identified as CSI - Coater #1, CSI -

Coater #2 and CSI - Coater #3) and the container cleaning operation (identified as CSI - Container Cleaner #1) shall be limited to less than 500 tons per twelve (12) consecutive month period, rolled on a monthly basis. This will limit source wide total HAP emissions to less than 25 tons per year. Therefore, the requirements of 326 IAC 2-7 do not apply.

#### D.1.6 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices.

### Compliance Determination Requirements

#### D.1.7 VOC Emissions

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- (a) In order to comply with the VOC limit in Condition D.1.5, the catalytic oxidizer (Oxidizer #1) shall operate at all times that the one (1) coating line (CSI - Coater #1), container cleaning and the one (1) dryer (Dryer #1) are in operation and shall maintain a minimum overall control efficiency of 95%. Compliance with this condition shall also satisfy the requirements in Condition D.1.4.
- (b) In order to comply with the VOC limit in Condition D.1.5, the catalytic oxidizer (Oxidizer #2) shall operate at all times that the two (2) coating lines (CSI - Coater #2 and CSI - Coater #3) and the two (2) dryers (Dryer #2 and Dryer #3) are in operation and shall maintain a minimum overall control efficiency of 95%. Compliance with this condition shall also satisfy the requirements in Condition D.1.4.

#### D.1.8 Testing Requirements

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Within 12 months of startup, the Permittee shall perform VOC testing on the two (2) catalytic oxidizers (Oxidizer #1 and Oxidizer #2) to verify that the VOC capture system meets the criteria of a permanent total enclosure and that the catalytic oxidizer is maintaining a minimum control efficiency of 95% to show compliance with conditions D.1.4 and D.1.5, utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

#### D.1.9 Volatile Organic Compounds

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Compliance with the VOC content and usage limitations contained in Conditions D.1.4 and D.1.5 shall be determined pursuant to 326 IAC 8-1-4(a)(3)(A) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. However, IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

#### D.1.10 VOC and HAP Emissions

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- (a) Compliance with Condition D.1.5 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage, single HAP and total HAP for the most recent twelve (12) month period.
- (b) Compliance with D.1.5 shall be determined using the following equation for VOC and HAP usage:  $\text{VOC, HAP usage} = [(\text{VOC, HAP input}) \times \text{control efficiency}]$

#### D.1.11 Catalytic Oxidizers

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- (a) When operating the one (1) paper coating line (CSI - Coater #1), the one (1) catalytic oxidizer (Oxidizer #1) shall maintain a minimum operating temperature of 550 °F until a temperature is determined in a most recent compliance stack tests to maintain at least 95% overall control efficiency.

- (b) When operating the two (2) paper coating lines (CSI - Coater #2 and CSI - Coater #3), the one (1) catalytic oxidizer (Oxidizer #2) shall maintain a minimum operating temperature of 550 °F until a temperature is determined in a most recent compliance stack tests to maintain at least 95% overall control efficiency.

#### **Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]**

##### **D.1.12 Parametric Monitoring**

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- (a) A continuous monitoring system shall be calibrated, maintained and operated on the catalytic oxidizer for measuring operating temperature. The output of this system shall be recorded, and that temperature shall be greater than or equal to the temperature used to demonstrate compliance during the most recent compliance stack test.
- (b) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the reading is outside the above mentioned range for any one reading. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

#### **Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]**

##### **D.1.13 Record Keeping Requirements**

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- (a) To document compliance with Conditions D.1.4 and D.1.5, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC and HAP (single and total) usage limits and/or the VOC emission limits established in Conditions D.1.4 and D.1.5.
  - (1) The amount and VOC and HAP content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
  - (2) A log of the dates of use;
  - (3) The total VOC usage for each month and the weight of VOCs emitted for each compliance period;
  - (4) The total HAP usage for each month and the weight of single and total HAPs emitted for each compliance period;
  - (5) The continuous temperature records for the catalytic incinerator and the temperature used to demonstrate compliance during the most recent compliance stack test; and
  - (6) Weekly records of the duct pressure or fan amperage.
- (b) To document compliance with Condition D.1.14, the Permittee shall maintain the following records:

- (1) The following operational parameters of the VOC emission control equipment:
  - (a) Temperature readings.
  
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.1.14 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.5 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

## SECTION D.2

## FACILITY OPERATION CONDITIONS

### **Facility Description [326 IAC 2-8-4(10)]:**

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:
- (1) Two (2) boilers, rated at 1.87 and 3.34 MMBtu/hr; and
  - (2) Three (3) dryers, identified as Dryer #1, Dryer #2 and Dryer #3, each rated at 1.5 MMBtu/hr.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

### **Boilers**

### **Emission Limitations and Standards [326 IAC 2-8-4(1)]**

#### **D.2.1 Particulate Matter (PM)**

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Pursuant to 326 IAC 6-2-4(a) (Particulate Matter Emission Limitations for Sources of Indirect Heating), the PM emissions from the 1.87 MMBtu/hr boiler and the 3.34 MMBtu/hr boiler shall be limited to 0.6 lb/MMBtu heat input.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
CERTIFICATION**

Source Name: ChromaSource, Inc.  
Source Address: 2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033

**This certification shall be included when submitting monitoring, testing reports/results  
or other documents as required by this permit.**

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) \_\_\_\_\_
- 9 Report (specify) \_\_\_\_\_
- 9 Notification (specify) \_\_\_\_\_
- 9 Affidavit (specify) \_\_\_\_\_
- 9 Other (specify) \_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE BRANCH  
P.O. Box 6015  
100 North Senate Avenue  
Indianapolis, Indiana 46206-6015  
Phone: 317-233-5674  
Fax: 317-233-5967**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
EMERGENCY OCCURRENCE REPORT**

Source Name: ChromaSource, Inc.  
Source Address: 2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033

**This form consists of 2 pages**

**Page 1 of 2**

**9** This is an emergency as defined in 326 IAC 2-7-1(12)  
    CThe Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and  
    CThe Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:



If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency?    Y    N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

A certification is not required for this report.

ChromaSource, Inc.  
Columbia City, Indiana  
Permit Reviewer: NH/EVP

1<sup>st</sup> Administrative Amendment 183-16707  
Amended by: Aida De Guzman

Page 33 of 36  
OP No. F183-14489-00033

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**FESOP Quarterly Report**

Source Name: ChromaSource, Inc.  
Source Address: 2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033  
Facility: CSI Coater #1, CSI Coater #2, CSI Coater #3 and CSI - Container Cleaner #1  
Parameter: VOC, single HAP and total HAP  
Limit: VOC input/usage be limited to less than 2000 tons per twelve (12) consecutive month period rolled on a monthly basis, single HAP input/usage be limited to less than 200 tons per twelve (12) consecutive month period, rolled on a monthly basis and total HAP input/usage be limited to less than 500 tons per twelve (12) consecutive month period, rolled on a monthly basis.

YEAR: \_\_\_\_\_

Month	Total Usage This Month (tons)			Total Usage Previous 11 Months (tons)			Total Usage 12 Months (tons)		
	VOC	Single HAP	Total HAPs	VOC	Single HAP	Total HAPs	VOC	Single HAP	Total HAPs
Month 1									
Month 2									
Month 3									

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: ChromaSource, Inc.  
Source Address: 2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033

Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_

Page 1 of 2

This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

**Permit Requirement** (specify permit condition #)

**Date of Deviation:**

**Duration of Deviation:**

**Number of Deviations:**

**Probable Cause of Deviation:**

**Response Steps Taken:**

**Permit Requirement** (specify permit condition #)

**Date of Deviation:**

**Duration of Deviation:**

**Number of Deviations:**

**Probable Cause of Deviation:**

**Response Steps Taken:**

<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
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<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

Form Completed By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
CERTIFICATION**

Source Name:ChromaSource, Inc.  
Source Address:2401 S. 600 East, Columbia City, IN 46725  
Mailing Address:2401 S. 600 East, Columbia City, IN 46725  
FESOP No.:F183-14489-00033

**This certification shall be included when submitting monitoring, testing reports/results  
or other documents as required by this permit.**

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) \_\_\_\_\_
- 9 Report (specify) \_\_\_\_\_
- 9 Notification (specify) \_\_\_\_\_
- 9 Affidavit (specify) \_\_\_\_\_
- 9 Other (specify) \_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE BRANCH  
P.O. Box 6015  
100 North Senate Avenue  
Indianapolis, Indiana 46206-6015  
Phone: 317-233-5674  
Fax: 317-233-5967**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
EMERGENCY OCCURRENCE REPORT**

Source Name:ChromaSource, Inc.  
Source Address:2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033

**This form consists of 2 pagesPage 1 of 2**

- |   |
|---|
| <b>9</b> This is an emergency as defined in 326 IAC 2-7-1(12)<br>(The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and<br>(The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16 |
|---|

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency?    Y      N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: \_\_\_\_\_  
 Title / Position: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Phone: \_\_\_\_\_

A certification is not required for this report.



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**FESOP Quarterly Report**

Source Name: ChromaSource, Inc.  
Source Address: 2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033  
Facility: CSI Coater #1, CSI Coater #2, CSI Coater #3 and CSI - Container Cleaner #1  
Parameter: VOC, single HAP and total HAP  
Limit: VOC emissions not to exceed 100 tons per twelve (12) consecutive month period rolled on a monthly basis, single HAP emissions not to exceed 10 tons per twelve (12) consecutive month period, rolled on a monthly basis and total HAP emissions not to exceed 25 tons per twelve (12) consecutive month period, rolled on a monthly basis.

YEAR: \_\_\_\_\_

Month	Total Usage This Month (tons)			Total Usage Previous 11 Months (tons)			Total Usage 12 Months (tons)		
	VOC	Single HAP	Total HAPs	VOC	Single HAP	Total HAPs	VOC	Single HAP	Total HAPs
Month 1									
Month 2									
Month 3									

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: ChromaSource, Inc.  
Source Address: 2401 S. 600 East, Columbia City, IN 46725  
Mailing Address: 2401 S. 600 East, Columbia City, IN 46725  
FESOP No.: F183-14489-00033

Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_

Page 1 of 2

This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

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**Date of Deviation:**

**Duration of Deviation:**

**Number of Deviations:**

**Probable Cause of Deviation:**

**Response Steps Taken:**

**Permit Requirement** (specify permit condition #)

**Date of Deviation:**

**Duration of Deviation:**

**Number of Deviations:**

**Probable Cause of Deviation:**

**Response Steps Taken:**

<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
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<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

Form Completed By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

## CALCULATIONS

<b>Source Name:</b>	Chroma Source, Inc.
<b>Source Address:</b>	2401 South 600 East, Columbia City, Indiana 46725
<b>Mailing Address:</b>	2401 South 600 East, Columbia City, Indiana 46725
<b>County Location:</b>	Allen
<b>FESOP No.:</b>	183-14489-00033
<b>Issuance Date:</b>	October 19, 2001
<b>1<sup>st</sup> Administrative Amendment No.:</b>	183-16706
<b>Reviewer:</b>	Aida De Guzman

The source has requested that an amendment to their FESOP be made due to following typographical error in the permit pursuant to 326 IAC 2-8-10:

The source indicated that the original FESOP application stated that the overall efficiency of their oxidizers is 95%, and requested that the FESOP limits be established based on this efficiency. However, these limits were established based on the overall efficiency of 76.45% required by 326 IAC 8-1-2(b) to comply with the limit of 2.9 pounds of VOC per gallon less water required in 326 IAC 8-2-5.

Establishing the limits based on 95% will not change the FESOP's limited PTE of less than 100 tons per year for VOC, less than 10 tons per year for single HAP and less than 25 tons per year for combined HAPs. Therefore, the limits will be amended to use the 95% efficiency instead of the 76.45% as required in the FESOP:

### Current FESOP Limits:

Using 76.45% overall efficiency

VOC	=	424.63 tons per 12 months
Single HAP	=	42.46 tons per 12 months
Combined HAPs	=	106.16 tons per 12 months

### New FESOP Limits:

Using 95% overall efficiency

VOC	=	less than 2000 tons per 12 months
Single HAP	=	less than 200 tons per 12 months
Combined HAPs	=	less than 500 tons per 12 months

Methodology:

Input Limit = limited PTE/(1-0.95)